

DERWENT- 1982-32108E
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WEEK:

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TITLE: Release coating compsn. - comprising polyester and
polyurethane resin, organic cpd. compatible with water
and water

PRIORITY-DATA: 1980JP-0120082 (August 29, 1980)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 57044679	AMarch 13, 1982	N/A	007	N/A
JP 87044588	BSeptember 21, 1987	N/A	000	N/A

INT-CL (IPC): C08G063/68, C09D003/64 , C09D005/20

ABSTRACTED-PUB-NO: JP 57044679A

BASIC-ABSTRACT:

Release coating compsn. comprises (i) 5-60 pts. wt. resin with a mol. wt. of at least 8000 selected from a polyester resin composed of aromatic dicarboxylic acid contg. 0.5-50 mol.% sulphonic acid metal base in the polycarboxylic acid component and polyurethane resin obt'd. by reaction of the polyester resin and polyisocyanate cpd.; (ii) 67-0 pts. wt. organic cpd. compatible with water and of b.pt. 60-200 deg. C; and (iii) 12-95 pts. wt. water.

The aromatic dicarboxylic acid material contg. the sulphonic acid metal is e.g. sulpho-terephthalic acid, 5-sulpho- isophthalic acid, 4-sulpho-phthalic acid, 4-sulpho-naphthalene- 2,7-dicarboxylic acid, 5-(4-sulpho-phenoxy)-isophthalic acid. Pref. metal salts are salts of Li, Na, K, Mg, Ca, Cu and Fe.

(I) imparts adhesiveness to metal surfaces coated steel plate and plastics and can form a coated film which easily and perfectly releases.

Title - TIX (1):

Release coating compsn. - comprising polyester and polyurethane
resin, organic cpd. compatible with water and water

Standard Title Terms - TTX (1) :

RELEASE COATING COMPOSITION COMPRISE POLYESTER POLYURETHANE RESIN
ORGANIC COMPOUND COMPATIBLE WATER WATER